

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: October 13, 2006

Inspector: Diana Walden, Lee Curtis, BSC Group

Location: 345kV XLPE Component

Storm/

Rain Event: Reports range from 0.51-3.44" of rain recorded over 10/11-10/12, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	<p>-At the jack and bore of East Swamp Brook, the jacking pit area is well stabilized with grass cover. 10/13/06.</p> <p>- The restoration area at vault 2 has stabilized with increased grass growth. All adjacent roadside areas are in good shape. 10/13/06</p> <p>- Increased grass growth was also noted at the vault access areas along Whittlesey Drive. 10/13/06</p>	<p>- Remove silt fence when feasible. Hay bales may be needed in some areas as a precautionary measure. 10/13/06.</p> <p>- Continue to monitor for stabilization in all areas. 10/13/06</p> <p>-Areas are largely stable. 10/13/06</p>	<p>- Restoration is complete.</p> <p>- Restoration is complete. Grass cover is noted.</p> <p>- Restoration activities are complete. Grass cover is noted</p>
Trench and foundation construction	<p>- Active work appears complete on this section of the project. All areas are restored well. 10/13/06</p> <p>-The contractor yard was demobilized and the area was graded and hydroseeded. 10/13/06</p>	<p>-None. 10/13/06</p> <p>-None 10/13/06</p>	<p>- N/A</p> <p>- N/A</p>
Erosion and Sediment Controls (includes inspection within 24	<p>- The jack & bore area is stable with well established grass cover. The erosion control</p>	<p>-Silt fence could be removed completely here but a few haybales should be added in strategic</p>	<p>-The area appears stable.</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
hours of a storm event)	<p>matting remains in good shape but grass has not established as quickly here. 10/13/06</p> <p>- The area at vault 2A&B has stabilized with grass cover. 10/13/06</p> <p>-The erosion control blankets remained in place along the streambank, but vegetation remains sparse. 9/13-10/13/06</p> <p>- The lawn area along the ball park access has stabilized with grass cover and will no longer be inspected. 10/13/06</p> <p>- Vault 5 (in residential lawn) has stabilized with grass cover and landscaping and will no longer be inspected. 10/13/06.</p> <p>-Topsoil was graded at the contractor yard on Whittlesey Dr and the area was hydroseeded. 10/13/06</p>	<p>locations as a precaution. 10/13/06</p> <p>-N/A. 10/13/06</p> <p>-Continue to monitor until vegetation has established. 8/16-9/29/06 Consider additional stabilization measures along the banks. 9/13-10/13/06</p> <p>- Silt fence should be removed when feasible. 10/13/06.</p> <p>-N/A. 10/13/06.</p> <p>- Continue to monitor for final stabilization. 10/13/06</p>	<p>-Restoration is complete.</p> <p>-May need attention before the end of the growing season.</p> <p>-Restoration is complete.</p> <p>- Restoration is complete.</p> <p>- The area was hydroseeded.</p>
Inland Wetland and Watercourse encroachment and mitigation	-The banks of East Swamp Brook remain in good shape but additional stabilization measures may be necessary. Vegetation is sparse here. 9/7-10/13/06	-Continue to monitor until and consider additional stabilization measures. 9/7-10/13/06	May need attention prior to the end of the growing season
State species of concern, threatened and endangered species	<p>-The D&M plan and clearance letter states that state-listed species are not located in this work area however,</p> <p>-The wood turtle was noted at Plumtree</p>	<p>- N/A</p> <p>-345kV XLPE crews should also be performing daily walkthroughs before moving equipment if</p>	<p>-N/A</p> <p>- N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
	Substation during the 5/25/06 inspection.	working at this vault. 4/26-10/13/06	
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - Most restored areas have stable grass cover. Vault areas along Whittlesey Dr had noticeable grass growth. 10/13/06. - Vault 2 was recently restored with seed and mulch. Some grass growth was noted. 10/13/06. - The area near vault 5 was recently landscaped with saplings. 10/13/06 -The contractor yard was loamed and hydroseeded. 10/13/06 	<ul style="list-style-type: none"> - None. 10/13/06. - Area is stabilizing well. 10/13/06 - NA. The area is stable and no longer needs to be inspected. 10/13/06 -Continue to monitor for final stabilization. 10/13/06 	<ul style="list-style-type: none"> - Restoration activities are complete at all vault areas. -Restoration activities are complete. -Restoration is complete. -The area was hydroseeded.
Dewatering	- Dewatering was complete. 10/13/06	- None. 10/13/06	- N/A
Soils	- Soils are no longer stored for any part of the project. 10/13/06.	- None 10/13/06	- N/A
Spills and Material Storage Areas	-The contractor trailer yard and storage areas have all been demobilized. 10/13/06	<ul style="list-style-type: none"> - Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. 	-N/A

Next likely scheduled inspection:

Wednesday October 18, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and

belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden, Lee Curtis, BSC Group



345kV XLPE: Photo on the left shows the vault 5 area which has been landscaped and is stable with good grass cover. Photo on the right shows the demobilized contractor yard in the Bethel Ed Park which was recently graded and hydroseeded. 10/13/06



Photo on the left shows grass growth in recently restored vault access areas along Whittlesey Drive. Photo on the right shows the jacking pit side at the jack & bore following restoration. Grass cover is establishing well and the erosion control matting remains in good shape. 10/13/06



Photo on the left shows a section of silt fence at the jack and bore which may need to be replaced with haybales as a precautionary measure. The silt fence can be removed completely. Photo on the right shows the restored area in the ballpark. This area has stabilized with vegetation and silt fence can be removed. 10/13/06.



Photo on the left shows the stream bank with patchy vegetation returning. Additional seed or alternative stabilization measures may be needed here. Photo on the right shows that grass growth has increased significantly in the vault 2 area. 10/13/06